

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
 Data File : BG052596.D
 Acq On : 7 Mar 2022 18:49
 Operator : CG/JU
 Sample : N1730-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5-6-SAMPLE-LOCATION-3

Quant Time: Mar 08 01:29:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 08 01:09:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

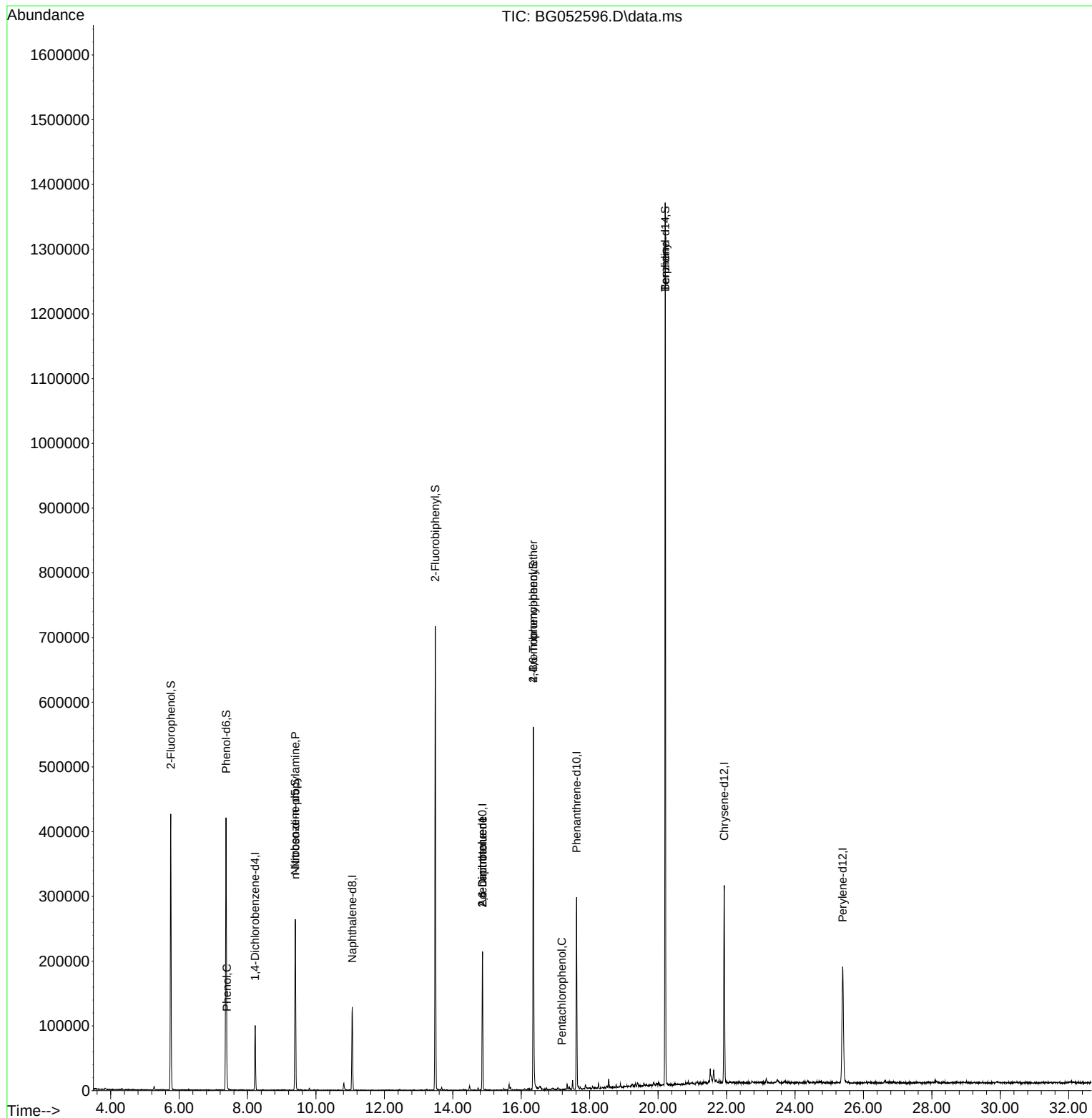
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	28478	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	114206	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	78910	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	192045	20.000	ng	0.00
76) Chrysene-d12	21.934	240	208188	20.000	ng	0.00
86) Perylene-d12	25.394	264	217050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	187926	112.427	ng	0.00
7) Phenol-d6	7.371	99	251067	106.894	ng	0.00
23) Nitrobenzene-d5	9.392	82	174963	69.842	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	117901	103.962	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	385567	67.376	ng	0.00
79) Terphenyl-d14	20.207	244	706536	60.774	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.394	94	4964	2.121	ng	86
19) n-Nitroso-di-n-propyla...	9.398	70	24138	15.094	ng	# 76
51) 2,6-Dinitrotoluene	14.867	165	11449	8.679	ng	# 16
57) 2,4-Dinitrotoluene	14.867	165	11449	6.136	ng	# 15
67) 4-Bromophenyl-phenylether	16.353	248	8007	3.450	ng	# 1
70) Pentachlorophenol	17.187	266	72	3.889	ng	# 18
77) Benzidine	20.207	184	10402	2.337	ng	# 96

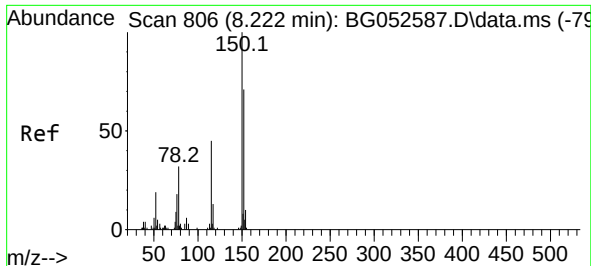
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
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QLast Update : Tue Mar 08 01:09:10 2022
Response via : Initial Calibration

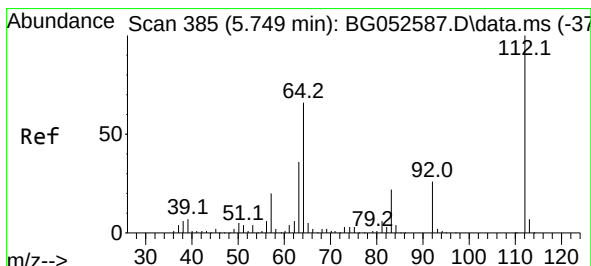
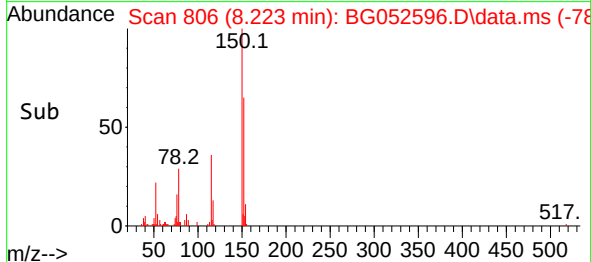
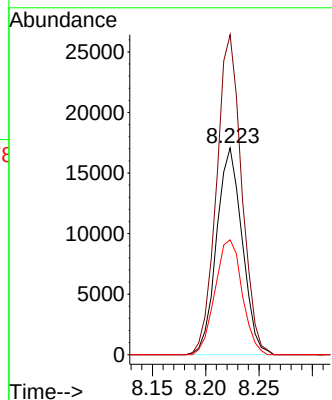
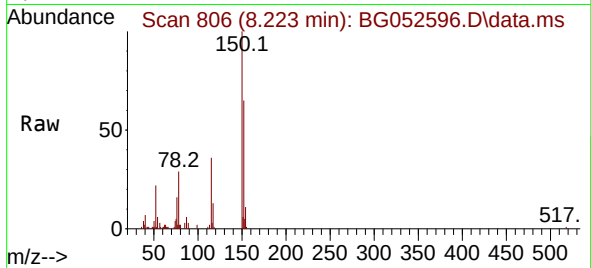




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 806
Delta R.T. 0.001 min
Lab File: BG052596.D
Acq: 7 Mar 2022 18:49

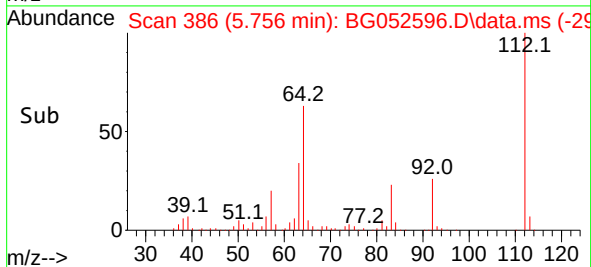
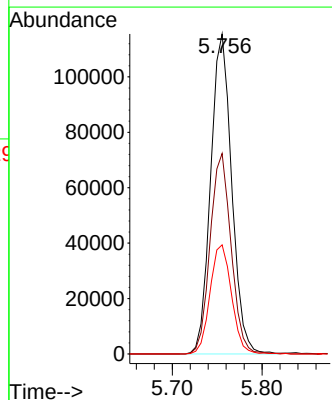
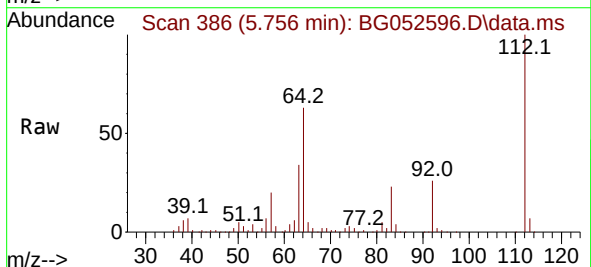
Instrument :
BNA_G
ClientSampleId :
5-6-SAMPLE-LOCATION-3

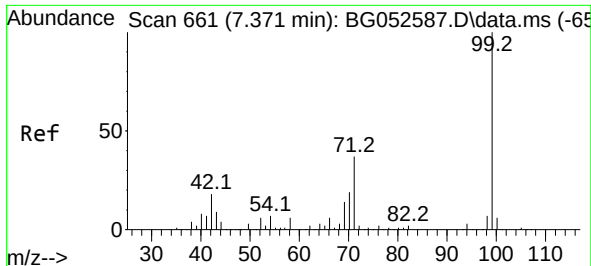
Tgt Ion:152 Resp: 28478
Ion Ratio Lower Upper
152 100
150 154.9 117.8 176.8
115 55.6 50.2 75.2



#5
2-Fluorophenol
Concen: 112.427 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052596.D
Acq: 7 Mar 2022 18:49

Tgt Ion:112 Resp: 187926
Ion Ratio Lower Upper
112 100
64 62.7 60.4 90.6
63 34.1 33.3 49.9

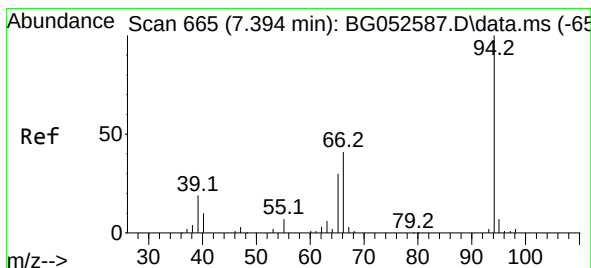
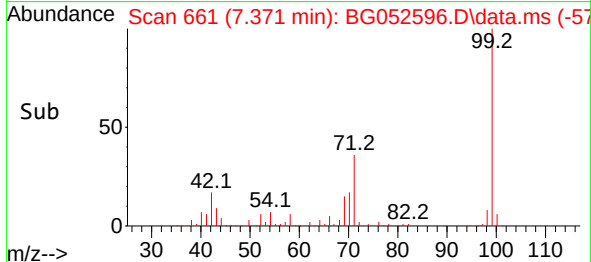
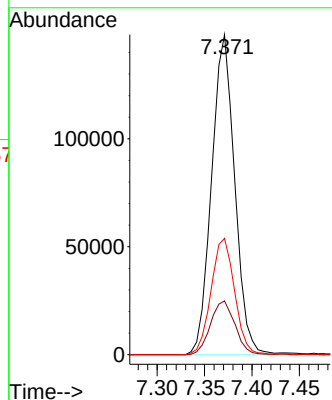
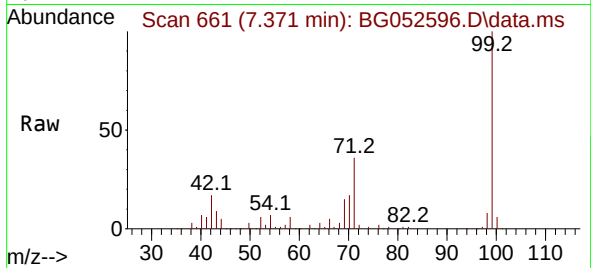




#7
Phenol-d6
Concen: 106.894 ng
RT: 7.371 min Scan# 661
Delta R.T. 0.000 min
Lab File: BG052596.D
Acq: 7 Mar 2022 18:49

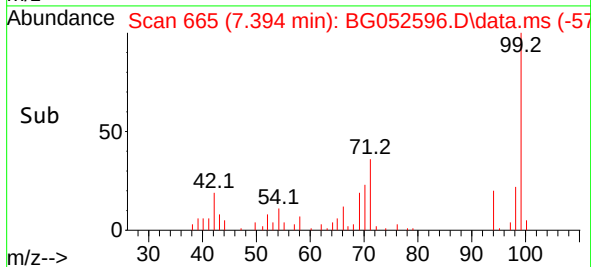
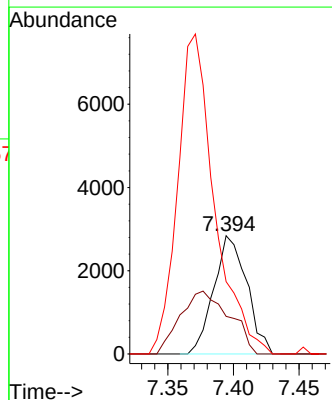
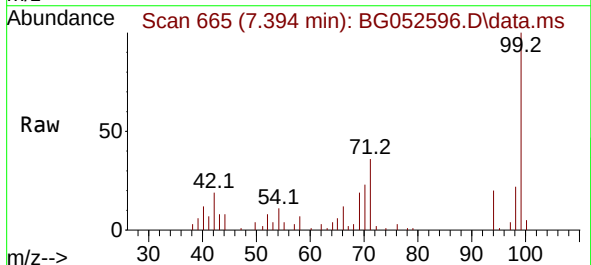
Instrument :
BNA_G
ClientSampleId :
5-6-SAMPLE-LOCATION-3

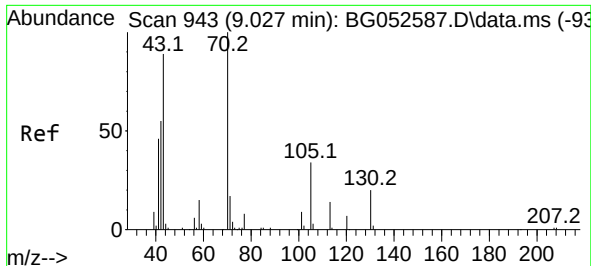
Tgt Ion: 99 Resp: 251067
Ion Ratio Lower Upper
99 100
42 16.8 19.1 28.7#
71 36.4 33.4 50.2



#10
Phenol
Concen: 2.121 ng
RT: 7.394 min Scan# 665
Delta R.T. 0.000 min
Lab File: BG052596.D
Acq: 7 Mar 2022 18:49

Tgt Ion: 94 Resp: 4964
Ion Ratio Lower Upper
94 100
65 31.7 14.1 54.1
66 61.2 26.6 66.6

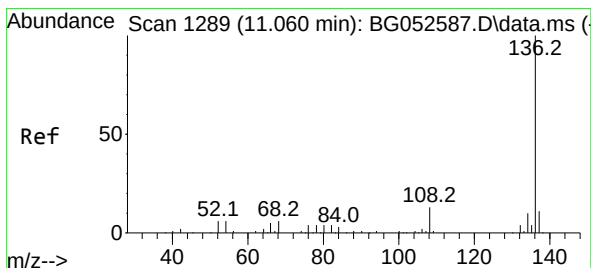
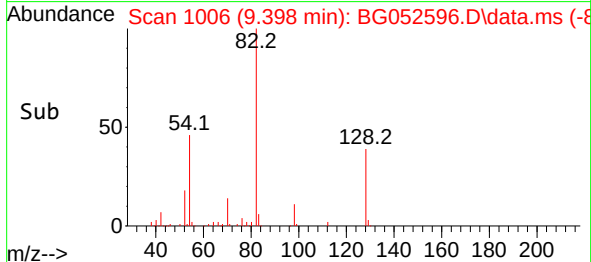
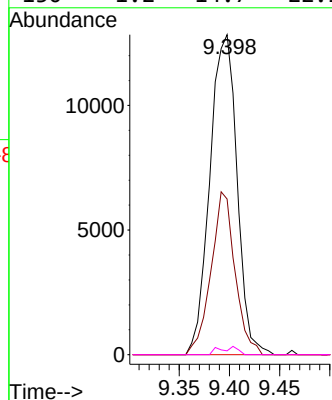
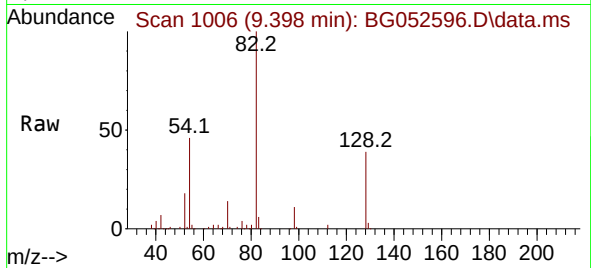




#19
n-Nitroso-di-n-propylamine
Concen: 15.094 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.370 min
Lab File: BG052596.D
Acq: 7 Mar 2022 18:49

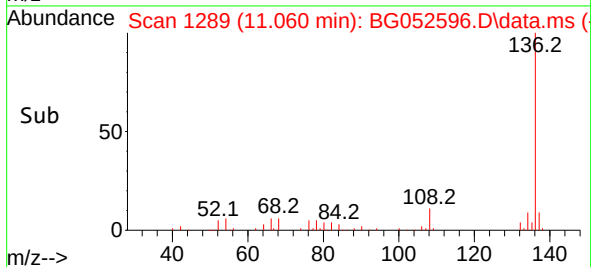
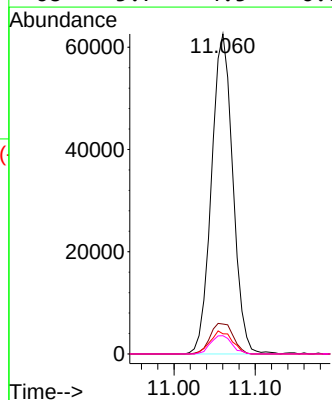
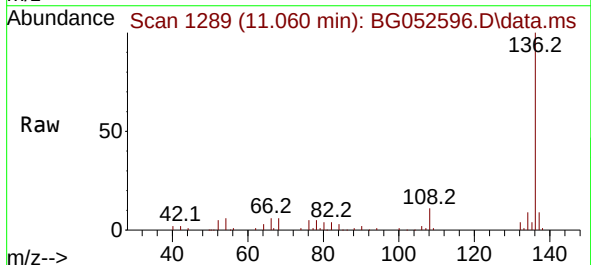
Instrument :
BNA_G
ClientSampleId :
5-6-SAMPLE-LOCATION-3

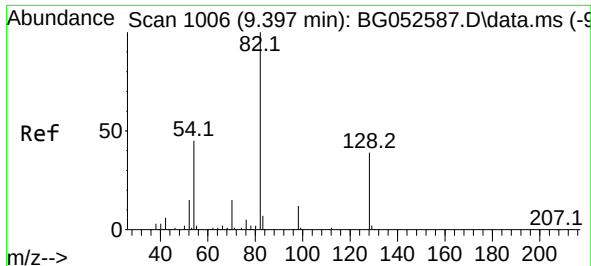
Tgt Ion: 70 Resp: 24138
Ion Ratio Lower Upper
70 100
42 48.7 51.8 77.6#
101 0.0 6.6 10.0#
130 1.2 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BG052596.D
Acq: 7 Mar 2022 18:49

Tgt Ion:136 Resp: 114206
Ion Ratio Lower Upper
136 100
137 9.4 9.1 13.7
54 6.3 8.3 12.5#
68 5.7 4.5 6.7

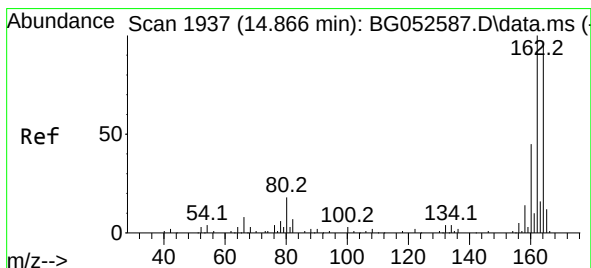
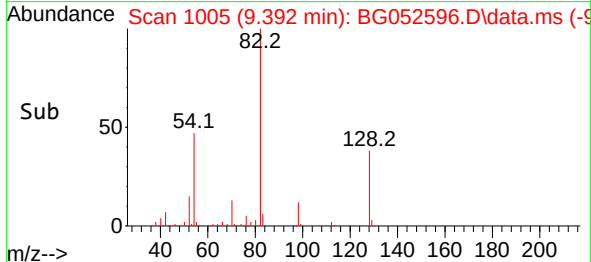
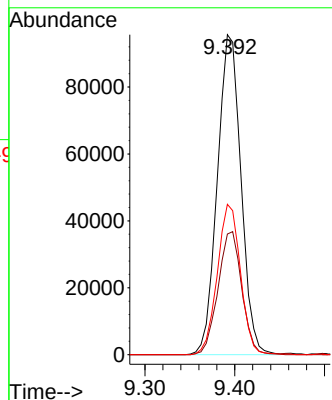
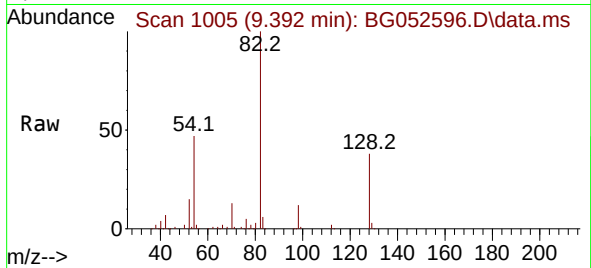




#23
Nitrobenzene-d5
Concen: 69.842 ng
RT: 9.392 min Scan# 1005
Delta R.T. -0.005 min
Lab File: BG052596.D
Acq: 7 Mar 2022 18:49

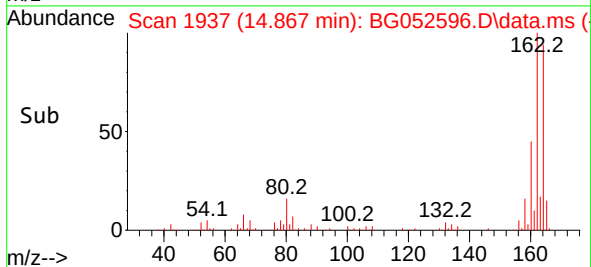
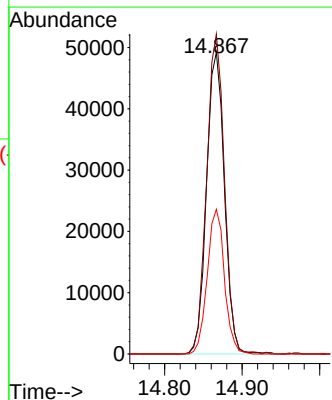
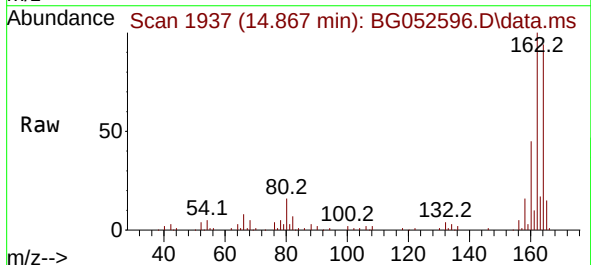
Instrument :
BNA_G
ClientSampleId :
5-6-SAMPLE-LOCATION-3

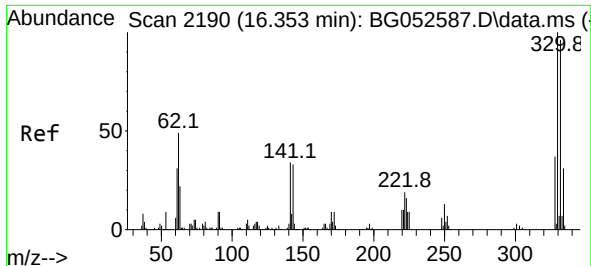
Tgt Ion: 82 Resp: 174963
Ion Ratio Lower Upper
82 100
128 37.7 27.0 40.4
54 47.0 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1937
Delta R.T. 0.001 min
Lab File: BG052596.D
Acq: 7 Mar 2022 18:49

Tgt Ion:164 Resp: 78910
Ion Ratio Lower Upper
164 100
162 106.0 82.2 123.2
160 47.9 36.2 54.2

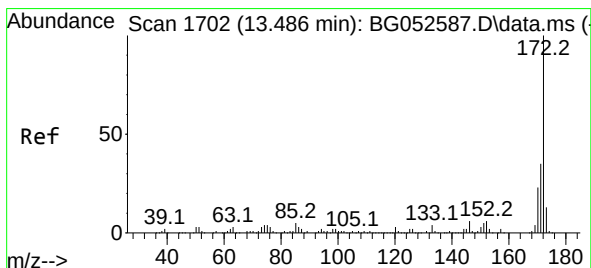
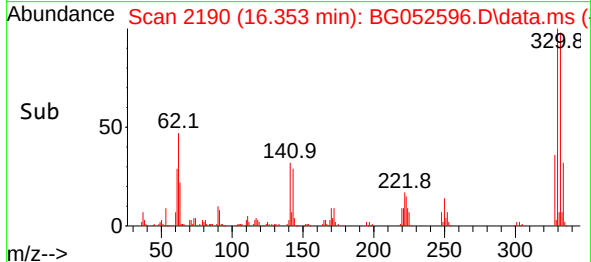
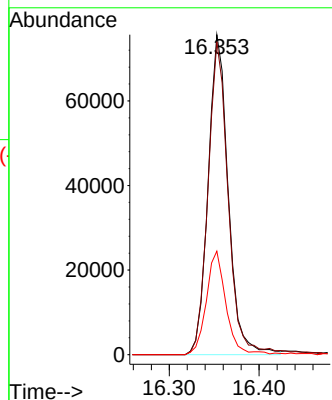
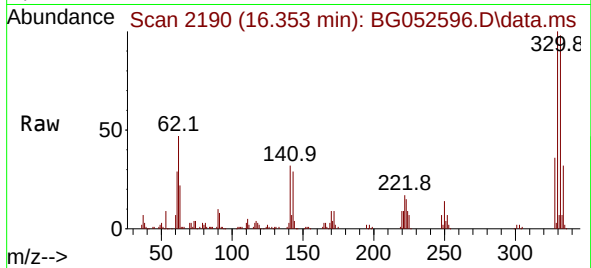




#42
 2,4,6-Tribromophenol
 Concen: 103.962 ng
 RT: 16.353 min Scan# 2190
 Delta R.T. 0.000 min
 Lab File: BG052596.D
 Acq: 7 Mar 2022 18:49

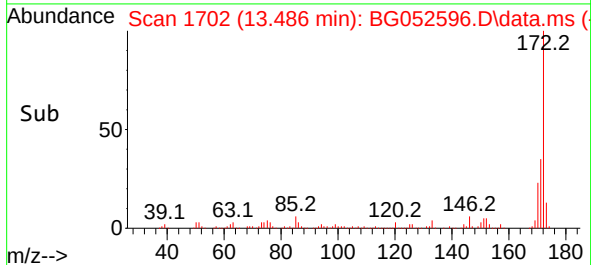
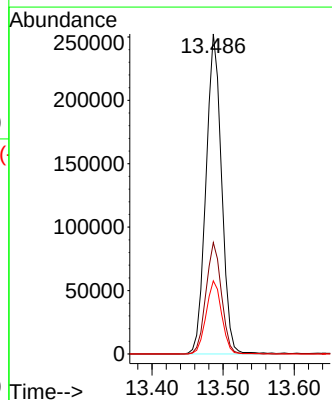
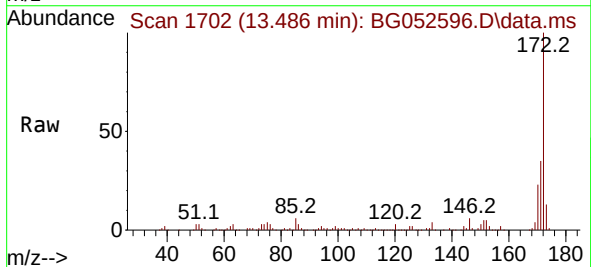
Instrument :
 BNA_G
 ClientSampleId :
 5-6-SAMPLE-LOCATION-3

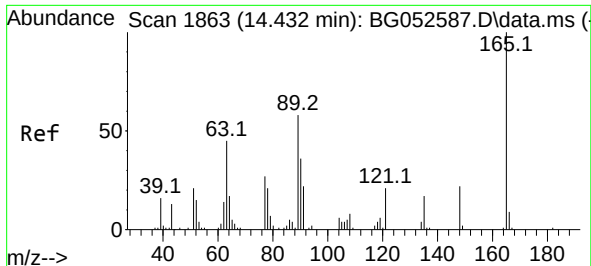
Tgt Ion:330 Resp: 117901
 Ion Ratio Lower Upper
 330 100
 332 99.0 78.6 117.8
 141 31.7 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 67.376 ng
 RT: 13.486 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: BG052596.D
 Acq: 7 Mar 2022 18:49

Tgt Ion:172 Resp: 385567
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 22.8 18.3 27.5





#51

2,6-Dinitrotoluene

Concen: 8.679 ng

RT: 14.867 min Scan# 1937

Delta R.T. 0.435 min

Lab File: BG052596.D

Acq: 7 Mar 2022 18:49

Instrument :

BNA_G

ClientSampleId :

5-6-SAMPLE-LOCATION-3

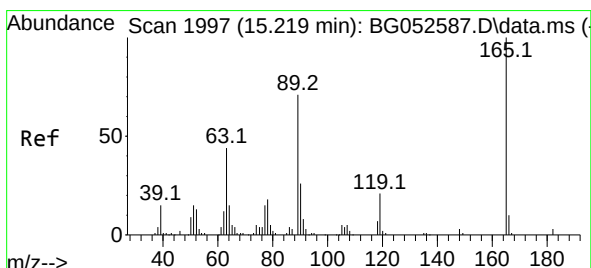
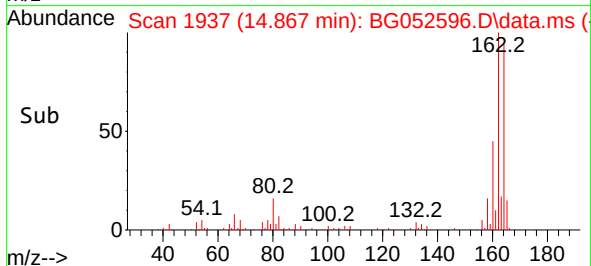
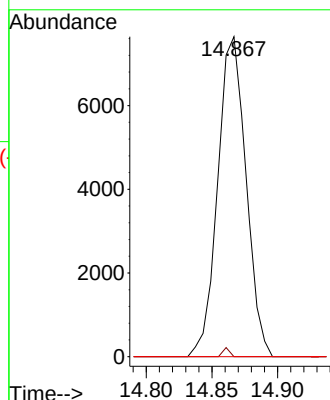
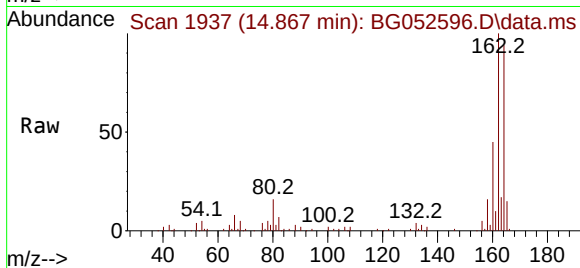
Tgt Ion:165 Resp: 11449

Ion Ratio Lower Upper

165 100

63 0.0 59.0 88.4#

89 0.0 49.4 74.0#



#57

2,4-Dinitrotoluene

Concen: 6.136 ng

RT: 14.867 min Scan# 1937

Delta R.T. -0.352 min

Lab File: BG052596.D

Acq: 7 Mar 2022 18:49

Tgt Ion:165 Resp: 11449

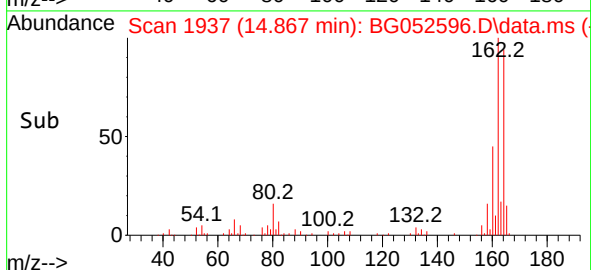
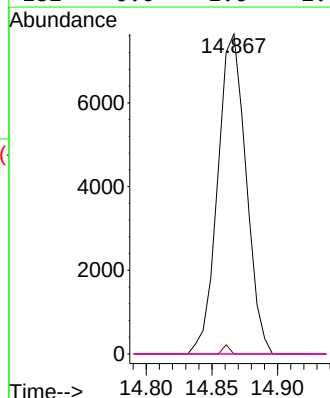
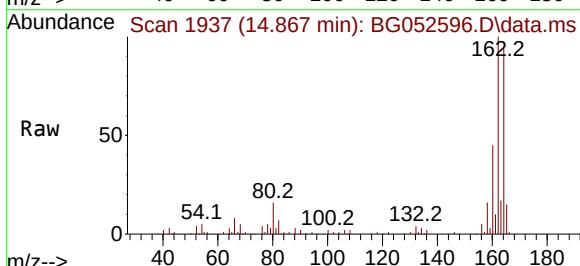
Ion Ratio Lower Upper

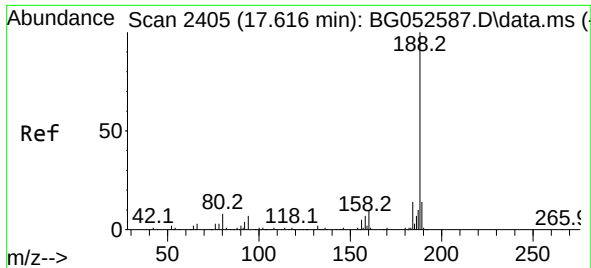
165 100

63 0.0 44.6 66.8#

89 0.0 67.4 101.0#

182 0.0 1.6 2.4#

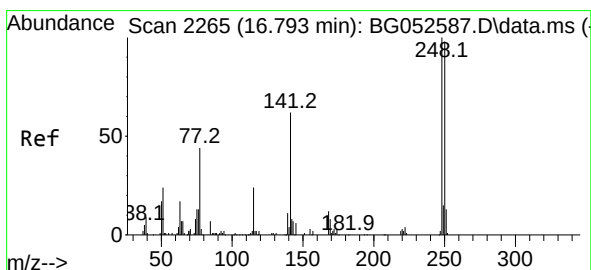
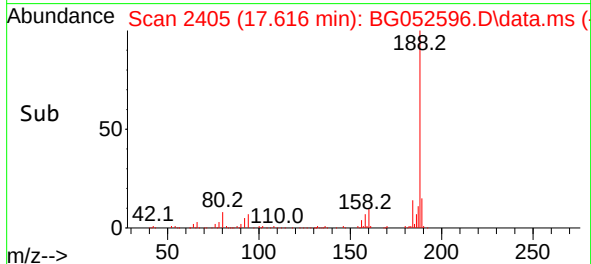
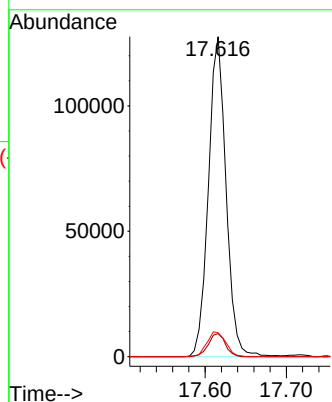
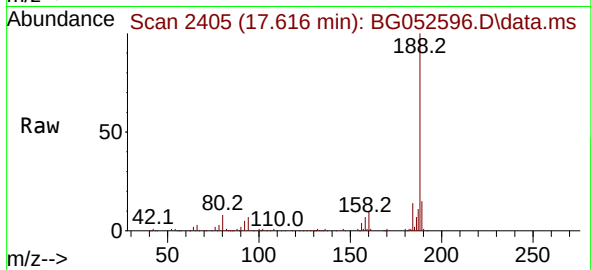




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG052596.D
Acq: 7 Mar 2022 18:49

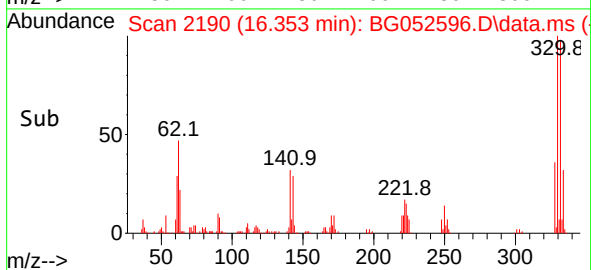
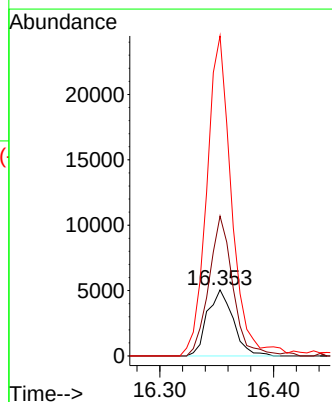
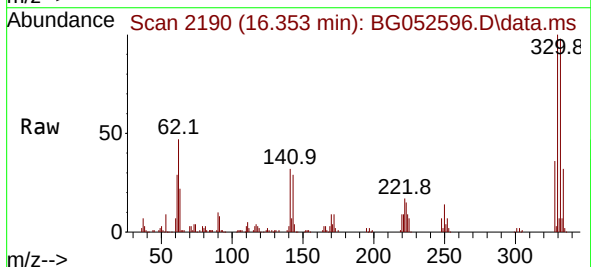
Instrument :
BNA_G
ClientSampleId :
5-6-SAMPLE-LOCATION-3

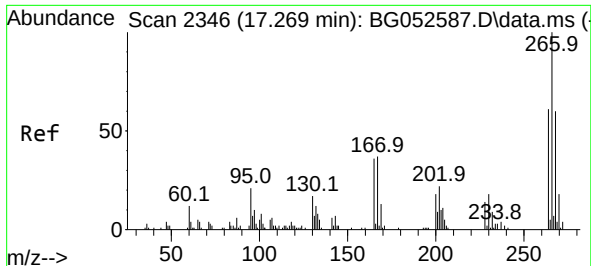
Tgt Ion:188 Resp: 192045
Ion Ratio Lower Upper
188 100
94 7.2 5.9 8.9
80 7.5 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.450 ng
RT: 16.353 min Scan# 2190
Delta R.T. -0.440 min
Lab File: BG052596.D
Acq: 7 Mar 2022 18:49

Tgt Ion:248 Resp: 8007
Ion Ratio Lower Upper
248 100
250 211.5 79.6 119.4#
141 483.8 54.6 81.8#

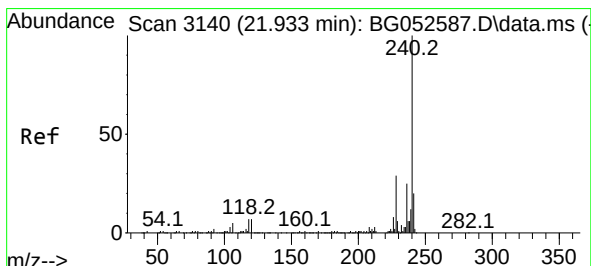
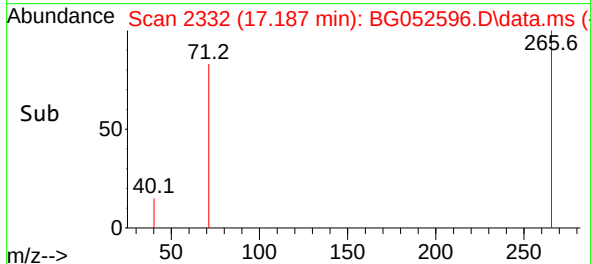
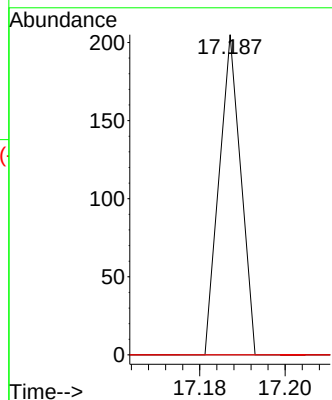
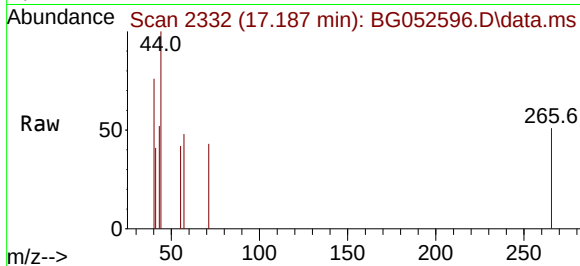




#70
 Pentachlorophenol
 Concen: 3.889 ng
 RT: 17.187 min Scan# 21
 Delta R.T. -0.082 min
 Lab File: BG052596.D
 Acq: 7 Mar 2022 18:49

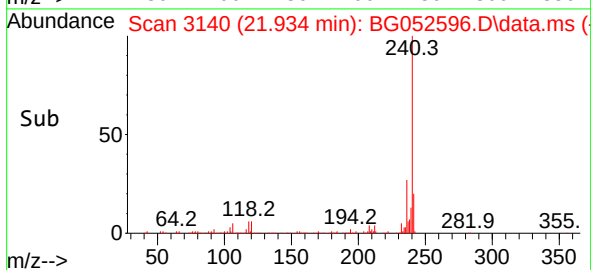
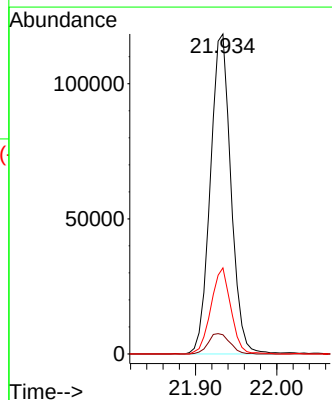
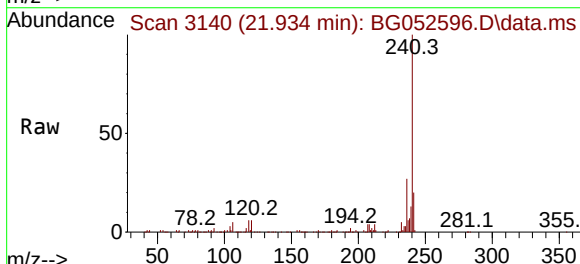
Instrument :
 BNA_G
 ClientSampleId :
 5-6-SAMPLE-LOCATION-3

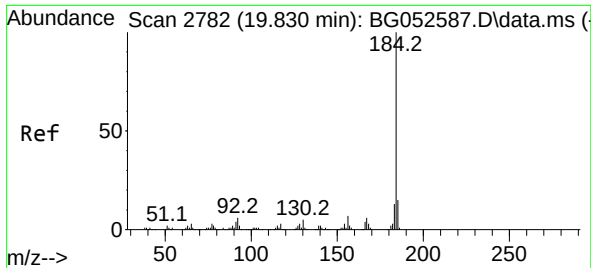
Tgt Ion:266 Resp: 72
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.6 75.8#
 264 0.0 52.2 78.2#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.934 min Scan# 3140
 Delta R.T. 0.000 min
 Lab File: BG052596.D
 Acq: 7 Mar 2022 18:49

Tgt Ion:240 Resp: 208188
 Ion Ratio Lower Upper
 240 100
 120 6.0 4.4 6.6
 236 26.9 20.8 31.2

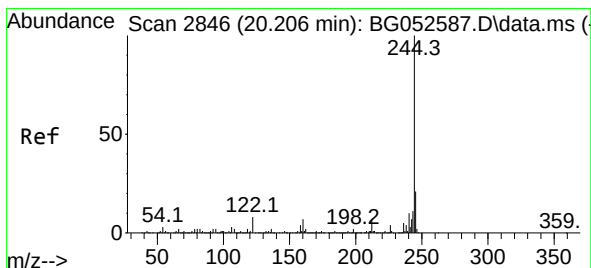
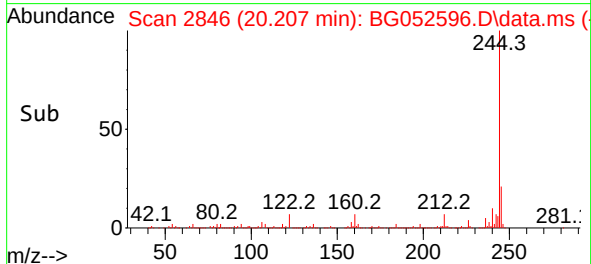
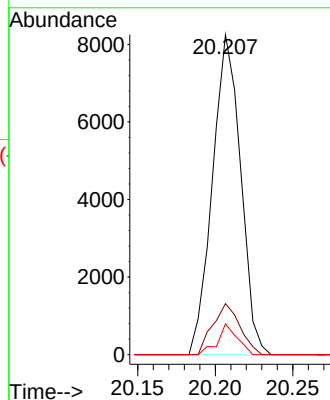
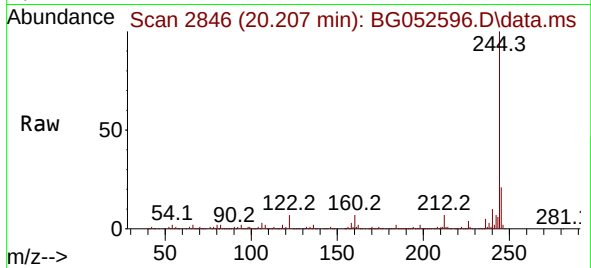




#77
Benzidine
Concen: 2.337 ng
RT: 20.207 min Scan# 2846
Delta R.T. 0.376 min
Lab File: BG052596.D
Acq: 7 Mar 2022 18:49

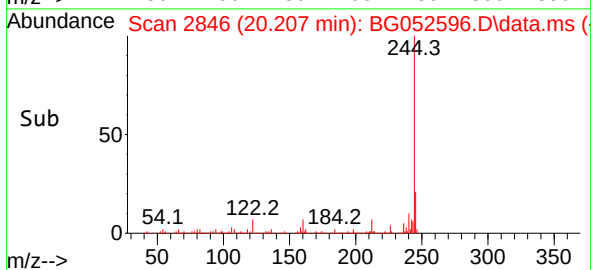
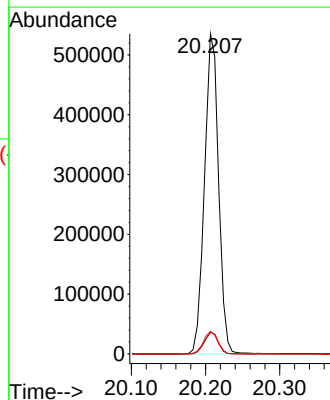
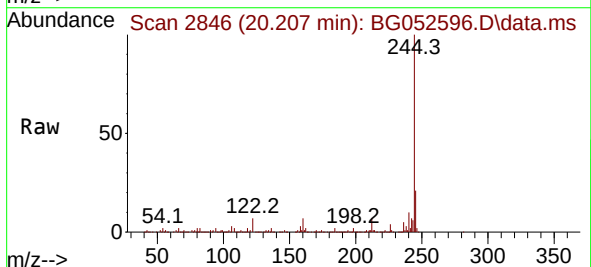
Instrument :
BNA_G
ClientSampleId :
5-6-SAMPLE-LOCATION-3

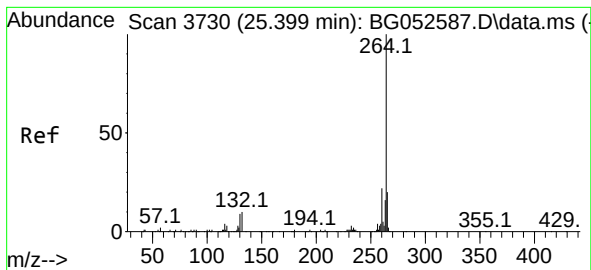
Tgt Ion:184 Resp: 10402
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.8
183 9.6 9.8 14.6#



#79
Terphenyl-d14
Concen: 60.774 ng
RT: 20.207 min Scan# 2846
Delta R.T. 0.000 min
Lab File: BG052596.D
Acq: 7 Mar 2022 18:49

Tgt Ion:244 Resp: 706536
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 7.1 6.2 9.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.394 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG052596.D

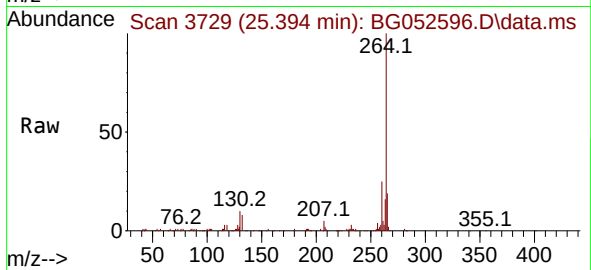
Acq: 7 Mar 2022 18:49

Instrument :

BNA_G

ClientSampleId :

5-6-SAMPLE-LOCATION-3



Tgt Ion:264 Resp: 217050

Ion Ratio Lower Upper

264 100

260 24.7 18.5 27.7

265 18.9 17.8 26.6

